

AMENDMENT UNDER 37 C.F.R. § 1.114(c)
U.S. Appln. No. 09/980,010

Please delete the first full paragraph on page 1 and replace with:

B1
The present invention relates to a transparent synthetic resin laminate with photochromism property and, specifically, to a transparent synthetic resin laminate with excellent photochromism property exhibiting both a high color development speed and a high color disappearance speed. The transparent synthetic laminate may be used as an optical lens and is excellent in both control of thickness of a photochromic coated film and surface smoothness thereof.

Please delete the paragraph bridging pages 1 and 2 and replace with:

B2
As conventional optical lenses such as photochromic lenses, inorganic lenses have generally been used. That is, usually, an organic coating layer with photochromic property was added to a surface of a glass or a surface of plastic lenses such as CR-39. Recently, as a lens itself, the use of plastic lenses with high impact resistance have spread. Particularly, in United States of America, lenses made from a polycarbonate have widely proliferated and demand for a sun glass with impact resistance has rapidly increased because of extensive outdoor activities.

Please delete the paragraph bridging to pages 2 and 3 and replace with:

B3
Further, Japanese Patent Kokai (Laid-open) No.61—148048 discloses a photochromic laminate with a photochromic layer containing a spironaphtho oxazine derivative interposed between transparent material layers. Although the

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B3 prior art discloses an example in which one liquid type polyurethane resin is contained in a photochromic layer, both a color development speed and a color disappearance speed are low, and thus that photochromic laminate is insufficient.

Please delete the first full paragraph on page 3 and replace with:

B4 Moreover, also in photochromic lenses, various processes such as direct kneading into a resin and coating on a resin surface have been tried. However, they are not successful and are not put into practice because of performance problems due to insufficient heat resistance of the photochromic elements during kneading and, also due to problems in surface coating, and contrast shortage from limitation of coated film thickness.

Please delete the second full paragraph on page 3 and replace with:

B5 Thus, in the present situation, there exists no transparent synthetic resin laminate with photochromism property as a photochromic lens in which both a color development speed and a color disappearance speed are high and surface smoothness of a coated film and control of coated film thickness in a photochromic layer are excellent.

Please delete the paragraph bridging pages 3 and 4 and replace with:

The present invention solves the above-mentioned problems in the prior art.

B6 An object of the present invention is to provide a transparent synthetic resin laminate with photochromism property in which both a color development speed

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B6
and a color disappearance speed are high and contrast in color development is maintained for a long time and the surface smoothness of a coated film and the control of thickness of a coated film in a photochromic layer are excellent.

Please delete the first full paragraph on page 4 and replace with:

B7
As a result of studies of the above-mentioned problems in the prior art, the inventors have invented a transparent synthetic resin laminate in which both a color development speed and a color disappearance speed are high and contrast in color development is maintained for a long time and the surface smoothness of a coated film and the control of thickness of a coated film in a photochromic layer are excellent, by interposing a photochromic layer formed by curing a mixture of a two-liquid type polyurethane of a polyurethane prepolymer and a curing agent, a photochromic organic compound, a light stabilizer and an antioxidant between two transparent synthetic resin layers, to accomplish the present invention.